

20000616.qrp v01\_n854.qrl.20000616

Date: Fri, 16 Jun 2000 19:03:09 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1854

QRP-L Digest 1854

Topics covered in this issue include:

- 1) [72761] Re: Search engines (was Q-Dope ...) by "Don Wilhelm" <w3fpr@arrl.net>
- 2) [72762] Clear Coatings by Pete Burbank <plburbank@kih.net>
- 3) [72763] Re: DK9SQ Mast Support by david gauding <nf0r@slacc.com>
- 4) [72764] RE: San Jose next week?? by Mike Gipe <mgipe@reliablemeters.com>
- 5) [72765] Re: SMK-1 - comments continued by "John J. McDonough" <wb8rcr@arrl.net>
- 6) [72766] 2N2/40 Certificates by PDouglas12@aol.com
- 7) [72767] OT: Video Card & the QRP-L? by wb2vuo@juno.com
- 8) [72768] Re: DK9SQ Mast Support by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 9) [72769] U.S. Islands by Donald I Roher <donroher@juno.com>
- 10) [72770] Re: San Jose next week?? by "n6wg:First n6wg:Last" <n6wg@earthlink.net>
- 11) [72771] Re: U.S. Islands by Al Patrick <arp@inet4u.com>
- 12) [72772] Amateur Radio Awareness Week by "John J. McDonough" <wb8rcr@arrl.net>
- 13) [72773] Re: Fw: Noise Generator by "Paul Harden, NA5N" <na5n@rt66.com>
- 14) [72774] Islands on the air by Cw4n5iw@aol.com
- 15) [72775] Re: Another Dumb Scope Question by "Paul Harden, NA5N" <na5n@rt66.com>
- 16) [72776] Re: Surface Mounted Parts Shortage by w4bws@juno.com
- 17) [72777] Re: GM10 Instructions by "David D. Meacham" <ddm@datatamers.com>
- 18) [72778] Re: San Jose next week?? by "David D. Meacham" <ddm@datatamers.com>
- 19) [72779] Re: SMK-1/ One Watt mod/NB6M

- by NB6M@aol.com
- 20) [72780] Re: help needed please with DTMF decoding  
by "Karl B. Staddon" <ve6kbs@agt.net>
  - 21) [72781] Re: Another Dumb Scope Question  
by "Leon Heller" <leon\_heller@hotmail.com>
  - 22) [72782] Re: DK9SQ MAST SUPPORT  
by Jim Cluett <w1pid@yahoo.com>
  - 23) [72783] Rotator/antenna construction  
by "Carel Mulder" <cmulder@casema.net>
  - 24) [72784] Re: Enclosures with Clear Lacquer  
by Bob Kellogg <ae4ic@nr.infi.net>
  - 25) [72785] RE: U.S. Islands  
by Nick Kennedy <nkennedy@tcainternet.com>
  - 26) [72786] FS: Rig, books, etc.  
by arrowhead1@characterlink.net (Ted Danchi)
  - 27) [72787] Re: U.S. Islands  
by "Richard E. Robinson" <rerobins@email.uncc.edu>
  - 28) [72788] Re: Enclosures with Clear Lacquer  
by "Cla KA0GKC" <ka0gkc@arrl.net>
  - 29) [72789] UPDATE--FS: Rig, books, etc.  
by arrowhead1@characterlink.net (Ted Danchi)
  - 30) [72790] Hot Carrier Diode Question  
by Bcieslak@ra.rockwell.com
  - 31) [72791] Mic Pre-Amp Kit  
by Bob Hightower <nk7m@extremezone.com>
  - 32) [72792] Re: Enclosures with Clear Lacquer  
by Rick Sealey <rsealey@InfoAve.Net>
  - 33) [72793] OT: it's called "progress"  
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
  - 34) [72794] RE: Another Dumb Scope Question  
by "AI2Q Alex" <ai2q@ispchannel.com>
  - 35) [72795] Re: Amateur Radio Awareness Week  
by "Mike Yetsko" <myetsko@insydesw.com>
  - 36) [72796] The case of the purloined callsign  
by Tom Russo <russo@bogoflux.losalamos.nm.us>
  - 37) [72797] Re: Hot Carrier Diode Question  
by Wn4i@aol.com
  - 38) [72798] Re: Amateur Radio Awareness Week  
by Michael Neverdosky <mneverdosky@earthlink.net>
  - 39) [72799] Re: Islands on the air  
by "Richard E. Robinson" <rerobins@email.uncc.edu>
  - 40) [72800] SMiTe Hunt this Sunday  
by "Harvey Mitchell" <Harvey.Mitchell@enron.com>
  - 41) [72801] Re: Enclosures with Clear Lacquer  
by Bob Patten <n4bp@bc.seflin.org>
  - 42) [72802] Mic Pre-Amp Kit / Oxymoron?  
by Bob Patten <n4bp@bc.seflin.org>
  - 43) [72803] Re: Mic Pre-Amp Kit

by "George T. Baker" <w5yr@att.net>  
44) [72804] Re: The case of the purloined callsign  
by mulveyr@iname.com  
45) [72805] Elusive First QSO with SMK-1  
by "Dillabough, Graham CNOPB" <gdillabough@CNOPB.nf.ca>  
46) [72806] Re: Mic Pre-Amp Kit  
by Bob Hightower <nk7m@extremezone.com>  
47) [72807] RE: The case of the purloined callsign  
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>  
48) [72808] Re: The case of the purloined callsign  
by David Hinerman <dlh1009@ritvax.isc.rit.edu>  
49) [72809] Re: The case of the purloined callsign  
by Richard Matthews <prm@hiwaay.net>  
50) [72810] Re: The case of the purloined callsign  
by "John Moriarity" <k6qq@hdo.net>  
51) [72811] Re: Islands on the air  
by Bob Nielsen <nielsen@oz.net>  
52) [72812] Freq Counter & PLL SemiKits  
by "w8diz" <w8diz@cinci.rr.com>  
53) [72813] re-DK9SQ mast support  
by Dan Presley <talljazz@teleport.com>  
54) [72814] Re: The case of the purloined callsign  
by Joel Malman <malman@world.std.com>  
55) [72815] Re: The case of the purloined callsign  
by Erik Werner <ewerner@sprintmail.com>  
56) [72816] Re: Islands on the air  
by wd3p@juno.com  
57) [72817] Re: Islands on the air  
by "Victor Blackwell" <victor@brecnet.com>  
58) [72818] RE: The case of the purloined callsign  
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>  
59) [72819] Electric fence interference  
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>  
60) [72820] RE: Another Dumb Scope Question  
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>  
61) [72821] Re: The case of the purloined callsign  
by KD1YV <kd1yv@mindspring.com>  
62) [72822] PP2kja on 28060 CQ QRS  
by Kleibe Jacinto de Araujo <kleibe@anatel.gov.br>  
63) [72823] Es 6 Meters...  
by Mighty Mik <mitymik@wenet.net>  
64) [72824] antenna:gamma match...  
by Mighty Mik <mitymik@wenet.net>

-----  
Date: Thu, 15 Jun 2000 19:12:25 -0400  
From: "Don Wilhelm" <w3fpr@arrl.net>

To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [72761] Re: Search engines (was Q-Dope ...)  
Message-ID: <004501bfd71f\$2e95f200\$5bb8183f@dbw11main>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,

I use another great tool for searches - WebFerret is a tool that goes out and interrogates many search engines, and returns a list that you can click on to go to a particular site. There is a free version that you can download from: <http://www.ferretsoft.com/netferret/index.html>  
I find it VERY valuable for most every search I do - I don't have to go to a lot of search engines to find what I am looking for.

73,  
Don Wilhelm -Chapel Hill, NC  
W3FPR QRP-L # 485 K2 SN 0020

----- Original Message -----

>  
> I don't remember who posted this, but the best source I have found is  
> Google. <http://www.google.com> and then download/install Google search.  
>  
> If you search for Q-Dope, you'll be given URLs for sources, as well as  
> uses, including stuff from QRP ARCI, NJQRP, NorCal and others.  
>

-----  
Date: Thu, 15 Jun 2000 19:38:46 -0400  
From: Pete Burbank <plburbank@kih.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [72762] Clear Coatings  
Message-ID: <3.0.32.20000615193842.0068aacc@kih.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Several people have had good luck with Krylon so I'd like to modify my statement about bad luck with that brand. I may have put the first coat on too thick which allowed the solvent time to curl the labels.  
However, I once painted an MG-B red using 17 cans of Krylon.

It flatted out a few months later so I'm still hesitant to use that brand. Humidity may have been a factor.

The reason that I used Datak products for sealing labels on the scores of medical prototypes I built is that it makes sense that the company that sells labels would probably also sell a compatible clear coat. Again, it is best to try a sample and lightly fog on the first coat.

De-greasing is essential. Oil remains on the panel from machining and handling. One way to check for oil is to hold the panel under a faucet and then remove it from the water, watching how the water clings to the panel or enclosure...under good light.

I could be wrong about this (not being a chemist) but my experience has been that grease scavenging (ionic) cleaners like 409 work better than soap(which is made from grease) or solvents like alcohol (which simply dilutes the grease or oil).

I'm certainly not an authority on this subject so any input or thoughts are welcome. I know that in my case a nice looking durable front panel is like the frosting on the cake of a well done homebrew project.

73 Pete NV4V

-----  
Date: Thu, 15 Jun 2000 18:41:32 -0500

From: david gauding <nf0r@slacc.com>

To: qrp-l@lehigh.edu

Subject: [72763] Re: DK9SQ Mast Support

Message-ID: <4.3.1.0.20000615180550.00b079f0@bbs.galilei.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

If you will look at the Random Wire Vertical article in the January 1995 issue of QQ it might offer a solution for your DK9SQ Mast Support. The original article and a short follow-up was also on G3YCC's website. With his unfortunate passing I'm not sure if the information is still there.

The RWV uses a single guy ring at the 6' level to support up to a 42' vertical, though a 33.5' extension is typical. The vertical/support is made up of graduated aluminum 6061-T6 tubing. There are three guys made from plastic clothesline (nylon core). S-hooks are fitted on both ends of the guys. The guys are then staked down with Phillips screwdrivers. Installation is simple and fast.

The vertical is held in position with an insulated mount. It consists of a rubber crutch tip pinned to the earth with another Phillips screwdriver. I've been using this assembly since the early-80's as a single element antenna, in vertical arrays and as an antenna support. No complaints!

The RWV guy ring rests on the top of the 6' base tube. As I recall, the DK9SQ base tube is about 4' high. I believe a hose clamp could sub as a mount at the 6' level (on the second tube), but have never tried that. It may be too flexible but not having an example here I can't tell.

I use exactly the same three point base mount on an up-rated version of the RWV. The tubes end at 33.5' and the support transitions to a modified SD-20 pole. This puts the tip of the assembly at 50'. It can be fed as a vertical but was designed primarily as an antenna support. There will be an article in QRPp describing this project towards the end of the summer, if the time gods are kind.

The "St. Louis Shaft" holds up a variety of remotely-tuned multi-band antennas like the 10-80M "St. Louis Doublet", 10-40M "NorCal Doublet" or a 10-40M "St. Louis Express Vertical". The secret is the simple three-point base mount. It does not have to be pulled tight to work well thanks to the triangular configuration. That makes me think it could be adapted to the DK9SQ support.

Hope this is helpful for DSK9Q owners. If someone tries the system I would appreciate knowing how it works out for you.

Regards,

de Dave, NF0R      nf0r@slacc.com

-----  
Date: Thu, 15 Jun 2000 16:40:48 -0700  
From: Mike Gipe <mgipe@reliablemeters.com>  
To: kanga@bright.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [72764] RE: San Jose next week??  
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A928ECE8@mission>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="windows-1252"

Sounds good to me! I think that any of those days will be good for me. The usual place? Anyone else?

Mike K1MG

> I will be at a seminar in San Jose all week next week.  
> Anyone in the area  
> interested in a QRP gathering Tues, Wed, or Thurs evening??  
> 73 - Bill - N8ET  
> Kanga US  
> kanga@mail.bright.net  
> <http://www.bright.net/~kanga/>  
> 419-423-4604  
>

-----  
Date: Thu, 15 Jun 2000 20:04:12 -0400  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [72765] Re: SMK-1 - comments continued  
Message-ID: <01f001bfd726\$68752520\$010044c0@Conor.baycty1.mi.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I found that the little kit in fact did spur a little more understanding, tho certainly not by following the circuit on the board. (And that's not an SMT thing - ever try to follow the NC-20 on the board?)

Last night. a friend of mine came over to gawk at the SMK-1 and brought with him a schematic of the SW-40+, which he's thinking of buying. He's one of these welfare extras that everyone is so hot about, and is thinking of making his first foray into HF (he was one of those Techs licensed before 1986 or whenever it was).

Anyway, we ended up comparing the schematics for the SMK, the NC-20, the SW-40+, and the 2N2/40. What a terrifically enjoyable, and educational, thing to do. The number of similarities is startling. But so are the different design decisions. What is perhaps more interesting is that when you compare them, the differences make really good sense, given the objectives of the various radios.

I'm sure we'll hear this guy on the air soon. And his code will be awful, and slow, but he'll get over it. He's a tremendously smart guy, just never got interested in learning the code any more than it took to get on the air. I fully expect him to be a significant contributor to our branch of the hobby, even if he is one of those slow-code extras.

72/73 de WB8RCR      <http://members.home.com/wb8rcr/index.htm>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----  
Date: Thu, 15 Jun 2000 20:35:39 EDT  
From: PDouglas12@aol.com  
To: qrp-l@lehigh.edu  
Subject: [72766] 2N2/40 Certificates  
Message-ID: <77.57ab508.267ad05b@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Gang,

I had a whole computer crash (the el cheapo Toshiba T3600 CS Laptop I bought at Dayton and bragged about here--serves me right--it went all white screen--anybody know what that is?) and lost the address of a 2N2/40 certificate candidate I promised a completion certificate to. Will that fellow please re-email me. And as a reminder, I am still able to make nice looking certificates for folks who have completed and made a first contact with a K8IQY 2N2/40 transceiver--just send me a photo (digital will do fine) the call of your first QSO partner, and a SASE of sufficient size to hold a standard 8 1/2 by 11 certificate without folding it, and I'll send you your certificate. For those who are postal impaired, I'll do the envelope--what the heck.

So, I need to hear from the fellow I owe one too, and if you out there in the peanut gallery have built and operated a 2N2/40 successfully, drop me an email.

72,

Preston WJ2V

-----  
Date: Thu, 15 Jun 2000 20:55:47 -0400  
From: wb2vuo@juno.com  
To: qrp-l@lehigh.edu  
Subject: [72767] OT: Video Card & the QRP-L?  
Message-ID: <20000615.205550.-150365.1.wb2vuo@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit



Sorry, but I ws too quick on the <Delete> key, and I don't knnow which List had the link to a used card seller. What was mentioned was older VGA & SVGA card in a ISA form.

I need one for the teen's older computer, and none of the used resellers around here have any more on hand.

Direct replies if this was the right list, or if you know of a decent source. (Or have one for sale/swap)

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp  
President & FD'00 Chairman, Brockport Amateur Radio Klub  
My night light runs more power than my Rig!!!  
Replies -mailto:wb2vuo@arrl.net

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 15 Jun 2000 20:59:04 -0400 (EDT)  
From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>  
To: david gauding <nf0r@slacc.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [72768] Re: DK9SQ Mast Support  
Message-ID: <Pine.BSI.4.05L.10006152056330.8390-1000000@vh1.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 15 Jun 2000, david gauding wrote:

> If you will look at the Random Wire Vertical article in the January 1995  
> issue of QQ it might offer a solution for your DK9SQ Mast Support. The  
> original article and a short follow-up was also on G3YCC's website. With  
> his unfortunate passing I'm not sure if the information is still there.

I just uploaded the G3YCC Memorial Website to one of my servers. I recall looking at the page your referenced. The link to the page is at  
<http://www.min.net/thom/qrp/>

Folks with QRP related web pages are invited to join the QRP ring.

73  
thom

../  
baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster

<http://www.baltimoremd.com/> Baltimore's Home Page  
<http://www.baltimorehon.com> Home of the Baltimore Lexicon  
<http://www.min.net/~thom/> QRP and Drake Mail List Pages

-----  
Date: Thu, 15 Jun 2000 18:52:04 -0700  
From: Donald I Roher <donroher@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [72769] U.S. Islands  
Message-ID: <20000615.185207.12062.0.DONROHER@juno.com>

Does anyone know where to find the list of U.S. Islands. It is similar to the listing of IOTA (Islands on the Air). IOTA is not a very complete list as one number may be assigned to a group of islands, where as the US list is by state and all islands in that state.....

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 15 Jun 2000 18:59:17 -0700  
From: "n6wg:First n6wg:Last" <n6wg@earthlink.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [72770] Re: San Jose next week??  
Message-ID: <004601bfd736\$7b15df20\$07c3b3d1@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Bill  
I'm game for a pizza evening. We usually meet at the Ground-Round Table in Mountain View, close by where El Camino crosses Hiway 85.  
Let me know if you hear from others.  
73, Bob N6WG

-----

Date: Thu, 15 Jun 2000 22:07:40 -0400  
From: Al Patrick <arp@inet4u.com>  
To: donroher@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [72771] Re: U.S. Islands  
Message-ID: <39498BEC.F2C720EA@inet4u.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Donald I Roher wrote:

> Does anyone know where to find the list of U.S. Islands. It is similar to  
> the listing of IOTA (Islands on the Air). IOTA is not a very complete  
> list as one number may be assigned to a group of islands, where as the US  
> list is by state and all islands in that state.....

You'd have to get a very current list or subtract the dozen or so that Bill Clinton just (illegally) gave away! At least one of them supposedly had a military base on it! How convenient a way to help his "comrades"!

73,

Al

--

"The Truth is Hate, to Those Who Hate the Truth"  
Do what's right. You'll please OR AMAZE everyone!

Love and hatred are both necessary. For one to love  
some things he must hate others, and visa versa.

-----

Date: Thu, 15 Jun 2000 22:13:04 -0400  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [72772] Amateur Radio Awareness Week  
Message-ID: <026701bfd738\$6f420000\$010044c0@Conor.baycty1.mi.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Michigan's Governor has declared next week "Amateur Radio Awareness Week" in the state.

And a great week it is, too.

It starts off with the Michigan Hamfest Weekend featuring the Midland Hamfest on Saturday and the Monroe Hamfest on Sunday, and wraps up with Field Day.

If you're going to be in Michigan this weekend, come up to Midland and visit the Midland Milleneum Swap (<http://www.qsl.net/w8kea/MARCSWAP.htm>). Camping is available at the site, so you can come in tomorrow night and be there bright an early for the Midland swap. Afterwards you can head down to Monroe for the swap down there. Inbetween are a lot of QRP-L's own that you might catch on the air while you're driving.

AND there's a good chance that it won't snow!

72/73 de WB8RCR      <http://members.home.com/wb8rcr/index.htm>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----  
Date: Thu, 15 Jun 2000 20:29:21 -0600 (MDT)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: Victor Blackwell <victor@brecnet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [72773] Re: Fw: Noise Generator  
Message-ID: <Pine.SUN.4.10.10006152017510.27902-1000000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 14 Jun 2000, Victor Blackwell wrote:

> >As a QRPer I am interested in weak signal work. I am also interested in  
> >Radio Astronomy. More weak signal work.  
> >  
> >I recently built a receiver dedicated to RA. I will monitor the Sun and  
> >Jovian storms on Jupiter.

In case you don't know, the L-burst activity from Jupiter is strongest around 18-22 MHz and occurs at regular, predictable times. It has to do with when the moon Io passes over a certain quadrant of Jupiter. There are programs that will calculate when the L-burst storms are likely to occur. Even then, they are usually below the noise level by 2-3dB, requiring some type of antenna with gain to hear them. Forget about the

S-bursts, as they are much weaker than the L-bursts. But they are fun to detect and listen to. The L-bursts kinda sounds like surf crashing on a distant beach.

> >I wish the noise generator as a trouble shooting tool and to calibrate  
> >received signals for later reference and comparison to other observers. A  
> >number of which turned out to be QRPers. I guess we all gravitate to the  
> >same technologies.

When you get into really weak signal work, calibrating things with a noise source is the only way to do business. For radio astronomy, you need to know what your overall antenna and system temperatures are, for which a calibrated noise source is the method of determination.

> >The original "serious" radio astronomy was a ham, Grote Reber. Had a  
> >nine  
> >call.

Yes ... W9GFZ was Grote Reber's old call ... which is now the official calls of the National Radio Astronomy Observatory ARC (where I work). We obtained his calls with his permission, for which he gave us his original license and ARRL membership dated in the late 1920's ... the ARRL thing signed by Hiram Maxim himself! Grote Reber is still alive and living in Tasmania. It was W9GFZ that Carl Sagan used in his book "Contact," from which the movie was made as a tribute to Grote. However, the director didn't like the "Z" sound on the end of the calls, so changed it to W9GF0 in the movie. That's where the W9GF0 calls for the movie originated from, by screwing up Grote's famous calls!.

> >I hope to have my project well enough along by next fall so that students  
> >can visit my station and learn a bit about the many aspects of radio,  
> >astronomy, QRPing, etc..  
> >  
> >Victor Blackwell AD8K  
> >Bunker Hill Observatory (under construction)

Good luck with your radio telescope. Takes a lot of work and some careful calibration, but \*some\* science can be done! The first time you finally hear an L-burst from Jupiter it like your first QSO with Rarotonga Reef or something ... you thing you died and went to heaven!

72, Paul NA5N  
National Radio Astronomy Observatory  
Socorro, New Mexico

-----  
Date: Thu, 15 Jun 2000 22:28:48 EDT  
From: Cw4n5iw@aol.com  
To: qrp-1@lehigh.edu  
Subject: [72774] Islands on the air  
Message-ID: <11.51faeda.267aeae0@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Here are the web sites for NA Islands on the air:

<http://easyweb.easynet.co.uk/~gcaselton/ham/na.html>

Here is the web site for IOTA:

<http://easyweb.easynet.co.uk/~gcaselton/ham/na.html>

Hope this helps!

73, Dave, N5IW  
qrpl 1718, arci 10342, ars 700

-----  
Date: Thu, 15 Jun 2000 20:41:34 -0600 (MDT)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [72775] Re: Another Dumb Scope Question  
Message-ID: <Pine.SUN.4.10.10006152034470.27902-1000000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 15 Jun 2000, Davies, Doug A FOR:EX wrote:

> The 'dumb' question is: If I'm using a 10x probe,  
> do I multiply the readings on the scope by 10 or does the scope do this  
> internally if it knows I'm using a 10x probe?

Yes, you multiply the reading on the volts/division dial by ten when using a 10x probe. For example, using a 10X probe, if your scope is set for 5V/division and the signal is 2 division for 10V peak-to-peak, your signal is actually 100Vpp.

On some scopes and 10x probes, the volts/division dial will automatically change to the correct setting when you plug in the probe. This is

usually done by a small light that illuminates the volts/division you are using. Unplug the BNC on the 10x scope probe, and you should see the light change from one setting to another. Tektronix has done it that way for years, but requires a Tecktronix probe to properly work the lights.

> Also, is there a tutorial type book available that teaches the basics of  
> using a scope? I'd like to find one that gives practice problems so I can  
> get 'hands-on' experience not just a bunch of theory.

I'll have to dig up the scope tutorial I did for qrp-l at one time and repost it for those of you new to the group. Give me a day or two.

72, Paul NA5N

-----  
Date: Thu, 15 Jun 2000 22:35:45 -0400  
From: w4bws@juno.com  
To: ctrask@primenet.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [72776] Re: Surface Mounted Parts Shortage  
Message-ID: <20000615.224850.-361303.0.w4bws@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Clear evidence that nuclear missiles are not the big fear.  
The chinese will shut the world down by cutting the output  
of the asian suppliers and the world military and civilian  
markets will be wide open and vulnerable with years to  
set up and produce.  
Welcome to the New World Order.  
Don W4BWS

On Wed, 14 Jun 2000 22:22:44 -0700 (MST) Chris Trask  
<ctrask@primenet.com> writes:  
>  
> And porcelain capacitors (for microwave circuit  
> manufacturing),  
> and chip thermistors, and chip resistors...  
>  
> Before too long, none of us will be producing anything.  
>  
> Chris  
>  
>





Date: Thu, 15 Jun 2000 20:20:13 -0700 (PDT)  
From: "David D. Meacham" <ddm@datatamers.com>  
To: Bill Kelsey - N8ET - Kanga US <kanga@bright.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [72778] Re: San Jose next week??  
Message-ID: <Pine.LNX.3.96.1000615201929.17955B-100000@dt1.datatamers.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bill,  
Either of those evenings is fine for me.  
72, Dave, W6EMD

-----  
Date: Thu, 15 Jun 2000 23:37:18 EDT  
From: NB6M@aol.com  
To: qrp-1@lehigh.edu  
Cc: jparker@fix.net, na5n@rt66.com  
Subject: [72779] Re: SMK-1/ One Watt mod/NB6M  
Message-ID: <9e.5def1ee.267afae@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Just a little followup on the 1 Watt Mod and making final adjustments of the RF drive to the new final amp.

Depending on how much power you actually get out of the SMK-1 after doing the mod, and on what transistor you used for the new PA, you may want to make an adjustment of the RF drive level to your new final amp. This is done by adjusting the value of the 100 Ohm resistor between the base of the new RF Amp Transistor and the .01 uf cap.

I found in my SMK-1Watt that with a power out of 1.2 Watts, things seemed to be fine. The 2SC799 I used in mine did not overheat at all. And, even though L5, in the output network of the SMK-1, is pretty small, that amount of power didn't seem to bother it.

At that power level, with the two 100 Ohm resistors off the base of the new amp forming a voltage divider for setting the drive, I read just below 2.0 Volts RMS of drive to the new final.

If you do not have a hotter transistor such as the 2SC799 or 2SC2078 or similar, you can use a generic 2N3053 from Radio Shack as the final amp and get just about a watt out. In either case, just to be sure that things are

going smoothly, do the following:

Check to see how much power you are getting out, and check to see if either the new PA transistor or L5 in the output network are overheating. If not, and you are not getting quite as much power out as you want, you can try increasing the drive to the new final amp a bit by reducing the value of the 100 Ohm resistor that is between the base of the new transistor and the .01 Cap to, perhaps, 68 Ohms, and see what the results are.

At whatever power out you get, if you think that either your new PA transistor or L5 are overheating, you can decrease the drive a bit by increasing the value of that resistor a bit, perhaps to 150 Ohms or so.

My experiments indicate that the 2SC799 can handle a bit more drive than the 2N3053 without overheating. Your mileage may vary. Any number of RF transistors could be used in this mod, and the limiting factor on output will be the output network in the stock SMK-1, and whether or not the drive level and increased output overheat either the new PA transistor or L5.

One final comment on the output network in the stock SMK-1. As I indicated earlier, L5 is a pretty small part, and if your new power level causes it to overheat, but is not overheating your PA transistor, you can always remove L5 and replace it with a T37-2 with 16 turns of #26 or so wire. The toroid should handle a greatly increased power level much better than the small, surface mount part.

Good luck, and enjoy.

72

Wayne NB6M

-----  
Date: Thu, 15 Jun 2000 22:26:44 -0600  
From: "Karl B. Staddon" <ve6kbs@agt.net>  
To: merryprankster@cwcom.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [72780] Re: help needed please with DTMF decoding  
Message-ID: <3949AC84.838E80FB@agt.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bob, you might want to check this site out. I think it may just be the scratch for your itch.

<http://www.icircuits.com/dtmf-8.htm>

Cheers

Karl B. Staddon  
VE6KBS  
CALGARY, ALBERTA

merryprankster wrote:

> Hello all, not strictly QRP but I promise to keep the watts down. Does any  
> one know of a circuit for the decoding of DTMF code using the decoder chip  
> HT9170. I am doing a few experiments, for the controlling of lights on and  
> off.. Music on and off while out, on over night, early morning,  
> DXexpeditions. I live in a dodgy area and would like to give some presence /  
> impression that some one is at home. I think this DTMF coding will do the  
> trick, if I can find how to switch a relay and timer with it. Where I go to  
> DX, is a hill top only five miles or so away. So can reach home on most  
> bands. Any help most welcome feel free to mail, as I have noticed is usual,  
> if any one else is interested in the project. I will post on the list for  
> all to read.  
> Also, a hologram image of the car / or a rhotwiller rottenwelly rottewheler  
> ??? German Shepherd Dog!! Would be use full?? Thanks from Bob M5B0B

-----  
Date: Fri, 16 Jun 2000 01:06:59 PDT  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: Doug.Davies@gems3.gov.bc.ca, qrp-1@Lehigh.EDU  
Subject: [72781] Re: Another Dumb Scope Question  
Message-ID: <20000616080659.3592.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>  
>I've had an older HP scope for some time now but haven't used it because I  
>know nothing about scopes. I've decided to change this and am going to  
>start playing with it. The 'dumb' question is: If I'm using a 10x probe,  
>do I multiply the readings on the scope by 10 or does the scope do this  
>internally if it knows I'm using a 10x probe?

The better scopes have two markers on the vertical gain control, one for a  
1:1 probe and one for 1:10 probe. If yours doesn't, you'll have to do a  
multiplication.

You should be able to find a scope tutorial with a web search.

73, Leon

--

Leon Heller, G1HSM  
Tel (work): +44 1327 357824 Tel (mobile): +44 79 9098 1221  
InfraRed Integrated Systems Ltd., Towcester Mill, Towcester, Northants.,  
NN12 6AD, United Kingdom.  
Email:leon\_heller@hotmail.com  
Web page: <http://www.geocities.com/SiliconValley/Code/1835>

---

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

---

Date: Fri, 16 Jun 2000 02:36:37 -0700 (PDT)  
From: Jim Cluett <w1pid@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [72782] Re: DK9SQ MAST SUPPORT  
Message-ID: <20000616093637.14597.qmail@web2004.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

You can easily support the DK9SQ mast without guy wires by mounting it on top of a garden stake as long as there isn't heavy wind. When ever I tie or bungie cord it to something I place a tent stake under it to keep the bottom from "kicking out." I've had the mast tip over (rotate around the bungie tie point) when I fail to do this. Jim w1pid@arrl.net

---

Do You Yahoo!?  
Send instant messages with Yahoo! Messenger.  
<http://im.yahoo.com/>

---

Date: Fri, 16 Jun 2000 12:03:14 +0200  
From: "Carel Mulder" <cmulder@casema.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [72783] Rotator/antenna construction  
Message-ID: <000701bfd77a\$2b83c0a0\$02c8c8c8@ZOLDER01>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi all,

For our ham/jota station we need some idea's, pictures, construction details, hints, tips..... about placing a Ham IV rotator + 3el. triband (FB33) yagi in a mast.

The problem is that the mast is round, and about 4,5 inch diameter at the top. At the moment the rotator, topbearing and antenna are placed on top of the mast in a kind of cage-construction. We can climb up until just under that construction, so keeping the stuff in repair is not possible without the help of a crane or so. We would like to make a construction with the topbearing at the highest point of the mast and the rotator 3 feet lower, all beside the mast. A kind of parallel construction. We are not able to turn over the mast so all the work must be done up 18m high using bolts and nuts.

I hope, I've been clear enough for you all. So mail me, send pictures or url's where to find them. It will be a great help for us.

72, Carel, PA0CMU.

-----  
Date: Thu, 15 Jun 2000 13:40:06 -0400  
From: Bob Kellogg <ae4ic@nr.infi.net>  
To: BenNW7DX@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [72784] Re: Enclosures with Clear Lacquer  
Message-ID: <394914F6.BA74E1D0@nr.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ben,

I covered mine with the clear, heavy duty scotch tape like is used to cover shipping labels. Made a nice shiny weatherproof finish.

BenNW7DX@aol.com wrote:

>

> Hello -

> I am in the process of building a ZM-2 and I just finished putting the  
> white panel sticker onto the metal panel. I will be putting a few coats of  
> clear lacquer onto this, and I am wondering what kind of lacquer you guys  
> recommend. I've used some clear stuff before, but it wasn't really "clear"

> at all... it had a yellowish tint to it. What have you guys found to work  
> well?  
>  
> Thanks,  
> Ben - NW7DX

--  
73,  
Bob Kellogg, AE4IC, Greensboro, NC  
Prolobly, not nececelery. - Benny Hill

-----  
Date: Fri, 16 Jun 2000 08:29:19 -0500  
From: Nick Kennedy <nkennedy@tcainternet.com>  
To: "'arp@inet4u.com'" <arp@inet4u.com>, Low Power Amateur Radio Discussion <qrp-  
l@Lehigh.EDU>  
Subject: [72785] RE: U.S. Islands  
Message-ID: <01BFD76C.F9B6A680.nkennedy@tcainternet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

-----Original Message-----  
From: Al Patrick [SMTP:arp@inet4u.com]  
Sent: Thursday, June 15, 2000 9:08 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: U.S. Islands

You'd have to get a very current list or subtract the dozen or so that Bill Clinton just (illegally) gave away! At least one of them supposedly had a military base on it! How convenient a way to help his "comrades"!

73,

Al

Thanks Al, for breaking the final barrier on off-topic stuff on QRP-L.  
Let's all get on our tinfoil hats and sit back while you enlighten us with the whole works--Black Helicopters, Alien Embryos, secret UN mile markers, the works!

I don't know anywhere else I could go for insider info like this. Thank goodness I've got QRP-L!

72--Nick, WA5BDU

-----  
Date: Fri, 16 Jun 2000 09:40:32 -0400  
From: arrowhead1@characterlink.net (Ted Danchi)  
To: QRP-L Reflector <qrp-l@Lehigh.EDU>  
Subject: [72786] FS: Rig, books, etc.  
Message-ID: <394A2E50.9C273228@characterlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hey guys! Thanks for the TREMENDOUS response to my earlier post. I was so encouraged that I decided to try a SECOND round! First--a few general comments. (Can you guys tell my dad's an attorney? :-)

- 1.All prices are negotiable. I will consider any REASONABLE offer. (You define reasonable! :-)
- 2.Anyone who is close to Raleigh, NC (or can get here) is more than welcome to come see any of this stuff. Just mention that you'd like to come, and I'll get directions out to you individually (for obvious reasons!).
- 3.I've not read/used many of the books, and don't have time to flip through them page by page to evaluate their condition. Therefore, I'm giving my opinion of their condition based on their covers and a quick "page flip" to check out the inside. Once again, you're welcome to come see them if you want.
- 3.Shipping is NOT included in the prices.
- 4.I'm selling on a "first come first serve" basis AS LONG AS THE OFFER(S) MEET(S) OR EXCEED(S) MY ASKING PRICE. In the event that no offer meets or exceeds my asking price, I WILL NOT REPLY TO ANYONE until I've decided to either accept an offer or keep the item (not sell it).
- 5.I'm interested in all trade offers that include any of the following:

- Emtech ZM-2 tuner
- DSW 40 (I'M REALLY INTERESTED!!)
- Norcal 40A
- Norcal SST

That said,

#### ITEMS FOR SALE:

- 1.Oak Hills Research QRP Classic 2040 CW rig--\$135

Main features: Dual band (20/40 meters), RIT, variable AGC (modified by Paul, AA4XX)

Condition: Very good; built and aligned by Paul Stroud, AA4XX; has some minor scratches on case; has been modified (very nicely) by Paul, to add the

variable AGC and back panel connectors for a frequency counter readout and external speaker; does NOT include internal keyer option

## 2.Large capacitor--\$??

Description: 1uF 2100 WVAC Matsushita capacitor; made in Japan; "quick disconnect" (blade) style contacts; labeled "No PCB's"; it's got what I think is a model/part number: "A6090550AP"; I dug this thing out of a busted microwave oven

a while back. It's been under my bed in a plastic bag doing nothing for WAY to long. :- ) I have no clue what it's worth (if anything); I'm just hoping somebody desperately needs it for some project so I can feel good about being able to provide it! ;- )

## 3.Books:

"1956 ARRL Antenna Book"--\$10; in OK condition (pages are better than cover);

"1968 ARRL Mobile Manual for Radio Amateurs"--\$10; in good condition;

1952 "Basic Theory and Application of Electron Tubes"--\$10; published by the "Departments of the Army and the Air Force"; Army Technical Manual TM-11-662, Air Force Technical Order T016-1-255; in good condition;

"Buchsbaum's Complete Handbook of Practical Electronics Reference Data"--\$20; second edition; published by Prentice Hall; copyright 1978; hardback; in VERY GOOD condition

"Design Manual for Transistor Circuits", John M. Carroll, (former?) Managing Editor, ELECTRONICS--\$2; published by McGraw-Hill Book Company, Inc.; copyright 1961; hardback; in not-so-great condition (pages OK, binding coming apart),

"Transistor Physics and Circuits", Riddle and Ristenbatt--\$5; published by Prentice Hall; copyright 1958; hardback; in good condition

"Functional Circuits and Oscillators", Herbert J. Reich, (former?) Department of Electrical Engineering, Yale University--\$5; part of the Van Nostrand Series in Electronics and Communications; published by D. Van Nostrand Company, Inc.; copyright 1961; hardback; good condition;

"Semiconductor and Tube Electronics, An Introduction", James G. Brazee--\$5; published by Holt, Rinehart and Winston, Inc.; copyright 1968; hardback; good condition;

"Microwave Systems Fundamentals", F. Jonathan Mivec--\$4; published by Howard W. Sam & Co.; first edition; copyright 1963; good condition



"Principles of Electric Circuits", Thomas L. Floyd--\$20; published by  
"Merle, and imprint of Macmillan Publishing Company"; Fourth Edition; copyright  
1993; hardback; color illustrations; very good condition

"Systems Analysis for Data Transmission", James Martin--\$20; published by  
Prentice-Hall; copyright 1972; hardback; good condition (very good except for  
some tape on the covers where somebody tried to secure a book jacket to it)

That's it (chuckle)! Don't hesitate to send me an offer if you don't like my  
price!!

73 to all

--

Michael F. Danchi, KE4TSA  
Violinist  
"Guardian 7"

-----  
Date: Fri, 16 Jun 2000 09:56:02 -0400  
From: "Richard E. Robinson" <rerobins@email.uncc.edu>  
To: donroher@juno.com  
Cc: qrp-1@lehigh.edu  
Subject: [72787] Re: U.S. Islands  
Message-ID: <v03110706b56fe17a1ae5@[152.15.144.71]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Here is the latest US Islands list which is separate from the IOTA list.

<http://www.eng.mu.edu/~usi/amer mast.html>

72,

Rick kf4ar

-----  
Date: Fri, 16 Jun 2000 09:00:37 -0500  
From: "Cla KA0GKC" <ka0gkc@arrl.net>  
To: <ae4ic@nr.infi.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [72788] Re: Enclosures with Clear Lacquer  
Message-ID: <02e401bfd79b\$a397cac0\$02000000a@mcg.net>

----- Original Message -----

From: "Bob Kellogg" <ae4ic@nr.infi.net>

| I covered mine with the clear, heavy duty scotch tape like is used to  
| cover shipping labels. Made a nice shiny weatherproof finish.

I do this as well. Sometimes there is trouble with the edges lifting. If you are using a box that has a front lip or bezel it's not a problem. If not, what I do is fold the tape right around the edge of the panel about 1/4" on to the back of the panel. Shipping tape can be found three inches wide and that works for all the smaller projects. For larger panels I use clear shelf covering from the hardware store. It comes in a matte finish too if you don't like the gloss of shipping tape.

-----

73 de KA0GKC Claton Cadmus  
ka0gkc@arrl.net

-----

Date: Fri, 16 Jun 2000 10:02:13 -0400  
From: arrowhead1@characterlink.net (Ted Danchi)  
To: QRP-L Reflector <qrp-l@Lehigh.EDU>  
Subject: [72789] UPDATE--FS: Rig, books, etc.  
Message-ID: <394A3365.94DCC9B4@characterlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I forgot to tell everybody: PLEASE EMAIL ME DIRECTLY AT  
arrowhead1@characterlink.net. I get the digest version of the list, and I often  
don't get time to browse through it until days (literally) later. So, PLEASE  
REPLY DIRECTLY TO MY ADDRESS!!

Thanks!

--

Michael F. Danchi, KE4TSA  
Violinist  
"Guardian 7"

-----

Date: Fri, 16 Jun 2000 09:04:25 -0500  
From: Bcieslak@ra.rockwell.com  
To: qrp-1@lehigh.edu  
Subject: [72790] Hot Carrier Diode Question  
Message-ID: <OFF3EA9745.F5825B14-0N86256900.004CC5F5@ra.rockwell.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

I am considering a mod to improve the dynamic range of my Ten Tec Argosy. The mod I am considering requires replacement of the diodes in the mixer with a set of matched HP 5082-2800 hot carrier diodes. Can these be purchased as a matched set or is the production quality of these parts such that any 4 would be matched close enough. If not how do I go about matching four diodes from the lot. Also, is the HP 5082-2810 a suitable substitute? Can you recommend a good source for these parts?

Thanks,  
Brian AE9K

-----  
Date: Fri, 16 Jun 2000 07:16:55 -0700  
From: Bob Hightower <nk7m@extremezone.com>  
To: qrp-1@lehigh.edu, eleccraft@qth.net  
Subject: [72791] Mic Pre-Amp Kit  
Message-ID: <200006161412.HAA25132@enterprise.extremezone.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

"Sorry OM, you've got a good carrier, but your audio is way down". So, you begin to shout into the mic, while the YL asks why have a radio if you can shout all that way :^). If you are not getting good reports on your SSB audio level, maybe you should consider the AZ ScQRPions Mic Pre-Amp kit. This kit is built to install inside the K2, but will also work as a stand-alone pre-amp, fitting within the mic housing of many hand mics.

For details, see <http://www.extremezone.com/~nk7m/preamp.htm>.

Orders will be shipped upon receipt of your check or MO.

Sorry for the blatant commercialism, but we are still trying to raise funds for Ft Tuthill, and this IS a useful addition to your shack.

Bob Hightower NK7M  
Chandler, AZ  
SOC #20  
K2 #157/255

<http://www.extremezone.com/~nk7m>

-----  
Date: Fri, 16 Jun 2000 10:19:00 -0400  
From: Rick Sealey <rsealey@InfoAve.Net>  
To: qrp-1@Lehigh.EDU  
Subject: [72792] Re: Enclosures with Clear Lacquer  
Message-ID: <4.1.20000616100631.0099c7c0@mail.infoave.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="us-ascii"

I agree with my friend Bob on this one. I have used the same technique for several years using Clear Package Sealing Tape, and also clear, self adhesive laminating sheets available from office supply stores. The tape is just about as durable and easier to work with.

However, I suggest you practice applying any self-adhesive overlay on something non-critical until you "perfect" your technique. It is very easy capture air bubbles under there, and they remain visible to some degree, even if you carefully pop them with a sharp needle tip or something similar.

In any case, to me, this far less messy more durable than Krylon or other laquers.

Good luck.

Rick - W4SEA  
High Point, NC

-----  
At 01:40 PM 06/15/2000 -0400, you wrote:

>Ben,

>

>I covered mine with the clear, heavy duty scotch tape like is used to  
>cover shipping labels. Made a nice shiny weatherproof finish.

>

>BenNW7DX@aol.com wrote:

>>

>> Hello -

>> I am in the process of building a ZM-2 and I just finished putting the  
>> white panel sticker onto the metal panel. I will be putting a few coats of  
>> clear lacquer onto this, and I am wondering what kind of lacquer you guys  
>> recommend. I've used some clear stuff before, but it wasn't really

"clear"

>> at all... it had a yellowish tint to it. What have you guys found to work  
>> well?  
>>  
>> Thanks,  
>> Ben - NW7DX  
>

>--

>73,  
>Bob Kellogg, AE4IC, Greensboro, NC  
>Prolobly, not nececelery. - Benny Hill  
>

-----  
Date: Fri, 16 Jun 2000 10:26:03 -0400  
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [72793] OT: it's called "progress"  
Message-ID: <005101bfd79e\$cfdb65d0\$2d0a05cc@rochester.com>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Yesterday my company switched ISPs. The reasons given were many: less expensive, higher bandwidth, etc. Those of us in Engineering knew better than to expect it to go smoothly, but we were pleasantly disappointed. Once our new IP address trickled out through the DNS system, we even got our e-mail without problems. And the network access IS faster! (We have a T-1 now, where before we were using a 384 kbps link.)

So score one for the network admin team - after the fiascos of the Y2K upgrades and everything else, they were due to get one right.

But did they? I can no longer access [www.fix.net](http://www.fix.net) - home of the Norcal club Web page and the mighty Dan's Small Parts online catalog. Also, I can't access NOAA's Space Environment Center, with all the neat measurements that Paul Harden worked so hard to educate us about.

So, what's a ham to do? What good is all this speed, if there's nothing I want to read?

Thanks for letting me whine, folks. I'll go back to work now.

Dave

-----  
David Hinerman WD8CIV  
Ontario, NY Grid FN13IF  
dlh1009@rit.edu

-----  
Date: Fri, 16 Jun 2000 10:49:56 -0400  
From: "AI2Q Alex" <ai2q@ispchannel.com>  
To: <na5n@rt66.com>  
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>  
Subject: [72794] RE: Another Dumb Scope Question  
Message-ID: <000301bfd7a2\$23e2c080\$5c32a7d0@ispchannel.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Just a quick addition to Paul's notes: some non-Tek probes are also Tektronix-compatible. I use a pair of "TPI" probes with my Tk 465B, and they activate the 465B's 10X BNC switches.

-- Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Paul Harden, NA5N  
Sent: Thursday, June 15, 2000 10:42 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Another Dumb Scope Question

On Thu, 15 Jun 2000, Davies, Doug A FOR:EX wrote:

> The 'dumb' question is: If I'm using a 10x probe,  
> do I multiply the readings on the scope by 10 or does the scope do this  
> internally if it knows I'm using a 10x probe?

Yes, you multiply the reading on the volts/division dial by ten when using a 10x probe. For example, using a 10X probe, if your scope is set for 5V/division and the signal is 2 division for 10V peak-to-peak, your signal is actually 100Vpp.

On some scopes and 10x probes, the volts/division dial will automatically change to the correct setting when you plug in the probe. This is usually done by a small light that illuminates the volts/division you are

using. Unplug the BNC on the 10x scope probe, and you should see the light change from one setting to another. Tektronix has done it that way for years, but requires a Tecktronix probe to properly work the lights.

> Also, is there a tutorial type book available that teaches the basics of  
> using a scope? I'd like to find one that gives practice problems so I can  
> get 'hands-on' experience not just a bunch of theory.

I'll have to dig up the scope tuturiel I did for qrp-l at one time and repost it for those of you new to the group. Give me a day or two.

72, Paul NA5N

-----  
Date: Fri, 16 Jun 2000 11:23:02 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <wb8rcr@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [72795] Re: Amateur Radio Awareness Week  
Message-ID: <00b701bfd7a7\$02f3b6e0\$2101a8c0@insydesw.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Make sure every HAM has a scanner!! They are illegal other than at home in Michigan, but HAMS are exempt. Unfortunately most cops, and prosecutors are not aware of that.

Might be a good way to bring this to public notice in a POSITIVE way.

As opposed to a CONFRONTATIONAL way.

Mike

> Michigan's Governor has declared next week "Amateur Radio Awareness Week" in  
> the state.  
>  
> And a great week it is, too.  
>  
> It starts off with the Michigan Hamfest Weekend featuring the Midland  
> Hamfest on Saturday and the Monroe Hamfest on Sunday, and wraps up

with  
> Field Day.  
>  
> If you're going to be in Michigan this weekend, come up to Midland and  
visit  
> the Midland Milleneum Swap (<http://www.qsl.net/w8kea/MARCSWAP.htm>).  
Camping  
> is available at the site, so you can come in tomorrow night and be  
there  
> bright an early for the Midland swap. Afterwards you can head down  
to  
> Monroe for the swap down there. Inbetween are a lot of QRP-L's own  
that you  
> might catch on the air while you're driving.  
>  
> AND there's a good chance that it won't snow!  
>  
> 72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>  
> didileydadidah QRP-L #1446 Code Warriors #35  
>  
>  
>  
>  
>

-----

Date: Fri, 16 Jun 2000 09:29:29 -0600 (MDT)  
From: Tom Russo <[russo@bogoflux.losalamos.nm.us](mailto:russo@bogoflux.losalamos.nm.us)>  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [72796] The case of the purloined callsign  
Message-ID: <200006161529.JAA15088@bogoflux.losalamos.nm.us>

Folks, was anyone of you listening to 14060 at 04:15Z on 11 June? I just received a QSL card from KD7GIM confirming his contact with me at that time, but I was not operating at that time. His QSL said he heard me 599, and in email he's said my callsign was crystal clear.

I was operating that evening and made a few contacts, but I know that I made no contacts between 0300Z and 2300Z on the 11th, so I'm led to the disturbing conclusion that my callsign has been used by someone else.

Did anyone else hear "me" operating between those hours? I hope, at least, that my impostor had good manners while he was playing me.

--



Tom Russo KM5VY QRPL #1592 K2#398 <http://www.swcp.com/~russo/>  
Tijeras, NM DM65uw SOC #236 <http://www.qsl.net/~km5vy/>  
"[...]one always used to hear that a picture was worth a thousand words, but  
that was before they devalued the word." -- Tom Lehrer

-----  
Date: Fri, 16 Jun 2000 11:30:37 EDT  
From: Wn4i@aol.com  
To: Bcieslak@ra.rockwell.com, qrp-1@lehigh.edu  
Subject: [72797] Re: Hot Carrier Diode Question  
Message-ID: <fb.71c1d81.267ba21d@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 06/16/2000 10:08:54 Eastern Daylight Time,  
Bcieslak@ra.rockwell.com writes:

>  
> I am considering a mod to improve the dynamic range of my Ten Tec Argosy.  
> The mod I am considering requires replacement of the diodes in the mixer  
> with a set of matched HP 5082-2800 hot carrier diodes. Can these be  
> purchased as a matched set or is the production quality of these parts such  
> that any 4 would be matched close enough. If not how do I go about matching  
> four diodes from the lot. Also, is the HP 5082-2810 a suitable substitute?  
> Can you recommend a good source for these parts?  
>

I have some HP 5082-3081 at \$ 2.50 each ( the one used in the Collins  
KWM-380 front-end ) ?  
Yves Wn4i

-----  
Date: Fri, 16 Jun 2000 15:30:44 +0000  
From: Michael Neverdosky <mneverdosky@earthlink.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [72798] Re: Amateur Radio Awareness Week  
Message-ID: <394A01D4.A49701C6@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

It is a good idea to carry a copy of the law and a copy of your license  
to show any officer that wants to give you trouble.

If you show them the law and your license and they still give you a ticket

then you have a strong case against the officer as well as a good defense against the charges.

Florida also exempts Hams from the scanner laws and many officers don't know it. I have never heard of a problem with any officer after the copy of both law and license were shown.

michael N6CHV

Mike Yetsko wrote:

>  
> Make sure every HAM has a scanner!! They are illegal other than at home  
> in Michigan, but HAMS are exempt. Unfortunately most cops, and  
> prosecutors  
> are not aware of that.

-----  
Date: Fri, 16 Jun 2000 12:26:46 -0400  
From: "Richard E. Robinson" <rerobins@email.uncc.edu>  
To: Cw4n5iw@aol.com  
Cc: qrp-l@lehigh.edu  
Subject: [72799] Re: Islands on the air  
Message-ID: <v03110707b56fe28058a5@[152.15.144.71]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>Here are the web sites for NA Islands on the air:  
>  
><http://easyweb.easynet.co.uk/~gcaseilton/ham/na.html>

I was particularly intested in the Virginia portion of this list. Tangier Island, which is in the middle of the Chesapeake Bay, and Chincoteague Island, which sits off the coast of the Eastern Shore on the Atlantic Ocean, have the same IOTA designation, NA-083. That doesn't make any sense to me all since these 2 islands are at least 100 miles or more apart and located in different bodies of water.

Does anyone have an idea why they are designated this way? Do they also have a suffix to designate different islands within NA-083?

The IOTA program is interesting but I'm confused by the broad clustering of islands.

72,

Rick kf4ar

-----  
Date: Fri, 16 Jun 2000 11:24:02 -0500  
From: "Harvey Mitchell" <Harvey.Mitchell@enron.com>  
To: qrp-l@lehigh.edu  
Subject: [72800] SMiTe Hunt this Sunday  
Message-ID: <86256900.005A371A.00@ei-nsmtpmta01.ei.enron.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

I will be the opeqrtr for this weeks SMiTe hunt. Look for me on or about 3.6864 or so this Sunday night between 8:30 PM until about 10:00 PM or so CDT (0130 to 0300 Z Monday). Lets hope the weather cooperates this week!

I will be using my SMiTe transmitter at about 300 MW out to a G5RV up about 40 feet and/or my GAP Voyager vertical. Receiver will be a homebrew superhet. Backup receiver will be the IC-765 (just in case). I will hang around as long as there are stations calling (haven't had a good pile-up on me since I moved home from Nicaragua).

I hope to work a bunch of you folks Sunday night, give me a workout!

72,

Harvey Mitchell, K5YU  
Seabrook, TX

-----  
Date: Fri, 16 Jun 2000 12:56:32 -0400 (EDT)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: QRP-L Reflector <qrp-l@lehigh.edu>  
Subject: [72801] Re: Enclosures with Clear Lacquer  
Message-ID: <Pine.3.89.10006161250.A23575-01000000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

> From: "Bob Kellogg" <ae4ic@nr.infi.net>  
>

> | I covered mine with the clear, heavy duty scotch tape like is used to  
> | cover shipping labels. Made a nice shiny weatherproof finish.  
>

Another use for this method...

I built a K1EL keyer into a spare RS box (bigger than needed). The keyer has a long list of commands that can be entered with the paddle. Since I'd never be able to memorize them all, I made a copy of the command set just large enough to fill the top cover. The heavy duty clear shipping tape was used to secure it to the cover and to provide protection from the elements. We used the keyer as a "public demo" at our Field Day site last June. The visitors had a ball sending their version of code on it and we were able to further amuse them by changing the pitch of the sidetone, send practice groups, etc. all from the paddle by using the command set in front of us. It withstood the outdoor elements just fine and we will again bring it to the FL Keys next weekend for FD...

73,

Bob Patten, N4BP ( 0 0 ) Plantation, FL  
-----o00o-( )-o00-----

E-Mail: n4bp@bc.seflin.org  
Web Page: <http://www.qsl.net/n4bp>  
Brass Pounder BBS: (954) 472-7715  
SOC #1Whiners #6

-----  
Date: Fri, 16 Jun 2000 13:05:12 -0400 (EDT)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: Bob Hightower <nk7m@extremezone.com>  
Cc: qrp-1@lehigh.edu, elecrafft@qth.net  
Subject: [72802] Mic Pre-Amp Kit / Oxymoron?  
Message-ID: <Pine.3.89.10006161233.B23575-0100000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 16 Jun 2000, Bob Hightower wrote:

>  
> "Sorry OM, you've got a good carrier, but your audio is way down". So, you  
> begin to shout into the mic, while the YL asks why have a radio if you can  
> shout all that way :^). If you are not getting good reports on your SSB  
> audio level, maybe you should consider the AZ ScQRPions Mic Pre-Amp kit.  
> This kit is built to install inside the K2, but will also work as a  
> stand-alone pre-amp, fitting within the mic housing of many hand mics.  
>

I won't criticize your "blatant commercialism", Bob, but isn't a "good

carrier" on SSB what is referred to as an oxymoron? :-)  
How small an enclosure can that pre-amp fit into? Heil sells an in-line pre-amp to use their Heil-Pro headset with the IC-706 - for something like \$70!! Wonder if your pre-amp could be adapted for that useage...

73,

Bob Patten, N4BP ( 0 0 ) Plantation, FL

-----o00o-( )-o00-----

E-Mail: n4bp@bc.seflin.org  
Web Page: <http://www.qsl.net/n4bp>  
Brass Pounder BBS: (954) 472-7715  
SOC #1Whiners #6

-----  
Date: Fri, 16 Jun 2000 12:51:29 -0500  
From: "George T. Baker" <w5yr@att.net>  
To: nk7m@extremezone.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [72803] Re: Mic Pre-Amp Kit  
Message-ID: <394A6921.F08748D6@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Tongue in cheek mode:

If you have a "good carrier, but your audio is way down," better check the mode switch to see if you are on AM instead of SSB! Carrier is a no-no.

Not a put-down - - I am sure that the kit is great! Just struck me as funny!  
:^)

72/73, George  
Fairview, TX 30 mi NE Dallas in Collin county  
Amateur Radio W5YR, in the 54th year and it just keeps getting better!  
R/C since 1964 - AMA 98452 Rving since 1972 Kachina #91900556

Bob Hightower wrote:

>

> "Sorry OM, you've got a good carrier, but your audio is way down". So, you  
> begin to shout into the mic, while the YL asks why have a radio if you can

> shout all that way :^). If you are not getting good reports on your SSB  
> audio level, maybe you should consider the AZ ScQRPions Mic Pre-Amp kit.  
> This kit is built to install inside the K2, but will also work as a  
> stand-alone pre-amp, fitting within the mic housing of many hand mics.  
>  
> For details, see <http://www.extremezone.com/~nk7m/preamp.htm>.  
>  
> Orders will be shipped upon receipt of your check or MO.  
>  
> Sorry for the blatant commercialism, but we are still trying to raise funds  
> for Ft Tuthill, and this IS a useful addition to your shack.  
>  
> Bob Hightower NK7M  
> Chandler, AZ  
> SOC #20  
> K2 #157/255  
>  
> <http://www.extremezone.com/~nk7m>

-----  
Date: Fri, 16 Jun 2000 13:52:33 -0400 (EDT)  
From: mulveyr@iname.com  
To: russo@bogoflux.losalamos.nm.us  
Cc: qrp-1@lehigh.edu  
Subject: [72804] Re: The case of the purloined callsign  
Message-ID: <200006161752.NAA07075@mulvey.dyndns.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

>  
> Folks, was anyone of you listening to 14060 at 04:15Z on 11 June? I just  
> received a QSL card from KD7GIM confirming his contact with me at that time,  
> but I was not operating at that time. His QSL said he heard me 599, and in  
> email he's said my callsign was crystal clear.  
>  
> I was operating that evening and made a few contacts, but I know that I made  
> no contacts between 0300Z and 2300Z on the 11th, so I'm led to the disturbing  
> conclusion that my callsign has been used by someone else.

Actually, it is far most likely that he simply mis-heard the  
call, and you got the QSL card, instead. :-)

Now, if he recorded some details of the QSO, and the other  
person used your name, QTH, etc, that would be another story.

- Rich

-----  
Date: Fri, 16 Jun 2000 15:52:46 -0230  
From: "Dillabough, Graham CNOPB" <gdillabough@CNOPB.nf.ca>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [72805] Elusive First QSO with SMK-1  
Message-ID: <2055849B2E3BD411BE1900104B2BC3E603A4FD@FORREST>  
MIME-Version: 1.0  
Content-Type: text/plain

Hi everyone,

My SMK-1 has been up and operating for a couple of weeks now, but I find that here in the Far East of Canada, there is very little (ie. none) activity on 7.039 +/- MHz. I can hear activity above me at 7.040, but no one seems to be tuning down far enough for me to call. Therefore, no luck getting that first QSO!

My question... has anyone had any success moving the rig up to 7.040? (I may have better luck there I think).

Alternately, has anyone had any thoughts or experience on setting their rigs up for 30 metres?

Graham,  
VE6KJ, V01DZA  
St. John's, Newfoundland.

-----  
Date: Fri, 16 Jun 2000 11:57:32 -0700  
From: Bob Hightower <nk7m@extremezone.com>  
To: "George T. Baker" <w5yr@att.net>  
Cc: qrp-1@lehigh.edu, elecrafft@qth.net  
Subject: [72806] Re: Mic Pre-Amp Kit  
Message-ID: <200006161853.LAA24441@enterprise.extremezone.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 12:51 PM 6/16/2000 -0500, you wrote:

>Tongue in cheek mode:

>

>If you have a "good carrier, but your audio is way down," better check  
>the mode switch to see if you are on AM instead of SSB! Carrier is a

>no-no.

>  
>Not a put-down - - I am sure that the kit is great! Just struck me as  
>funny!  
>:^)

How true! Shouldn't do stuff like this before I'm awake :^). Or had my  
caffeine injection.

Bob Hightower NK7M  
Chandler, AZ  
SOC #20  
K2 #157/255

<http://www.extremezone.com/~nk7m>

-----  
Date: Fri, 16 Jun 2000 12:06:56 -0700  
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>  
To: "'russo@bogoflux.losalamos.nm.us'" <russo@bogoflux.losalamos.nm.us>, Low Power  
Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [72807] RE: The case of the purloined callsign  
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBBC6@arcadia-pd1.arcadiapd.com>  
MIME-Version: 1.0  
Content-Type: text/plain

In ninety-eleven years of hamming, I have received three "bogus" QSLs  
and my wife (novice) received one for a 20 meter SSB QSO! IMHO, most  
bogus QSL cards (QSLs for QSOs never made) are because of error on the  
senders part- such as inverting letters in the recipient's callsign.  
Other errors may be caused by sloppiness on the part of QSL bureaus.  
I returned the cards to the senders (politely).  
Something to ponder- with all the old ham reflector flames and  
controversy over licensing requirements, perhaps one element has been  
overlooked, basic literacy skills-? (getting a callsign right) ;-)  
73  
Jay  
WJ6C, I mean W6JC... oops...  
W6CJ

-----Original Message-----  
From: Tom Russo [mailto:russo@bogoflux.losalamos.nm.us]  
Sent: Friday, June 16, 2000 8:29 AM  
To: Low Power Amateur Radio Discussion



Subject: The case of the purloined callsign

Folks, was anyone of you listening to 14060 at 04:15Z on 11 June? I just received a QSL card from KD7GIM confirming his contact with me at that time, but I was not operating at that time. His QSL said he heard me 599, and in email he's said my callsign was crystal clear.

I was operating that evening and made a few contacts, but I know that I made no contacts between 0300Z and 2300Z on the 11th, so I'm led to the disturbing conclusion that my callsign has been used by someone else.

Did anyone else hear "me" operating between those hours? I hope, at least, that my impostor had good manners while he was playing me.

--  
Tom Russo    KM5VY    QRPL #1592    K2#398    <http://www.swcp.com/~russo/>  
Tijeras, NM DM65uw    SOC #236    <http://www.qsl.net/~km5vy/>  
"[...]one always used to hear that a picture was worth a thousand words, but  
that was before they devalued the word." -- Tom Lehrer

-----  
Date: Fri, 16 Jun 2000 15:18:03 -0400  
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [72808] Re: The case of the purloined callsign  
Message-ID: <002c01bfd7c7\$9828fcf0\$2d0a05cc@rochester.com>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

> In ninety-eleven years of hamming, I have received three "bogus" QSLs  
> and my wife (novice) received one for a 20 meter SSB QSO!

Jay,

When I was a fairly new Novice with no contacts at all, I got an offer for a QSL from the holder of my counterpart call in another call district. I'd have to guess that his literacy skills were good enough to read a callbook.

Dave

-----  
Date: Fri, 16 Jun 2000 14:30:56 -0500  
From: Richard Matthews <prm@hiwaay.net>  
To: dlh1009@ritvax.isc.rit.edu, qrp-1@lehigh.edu  
Subject: [72809] Re: The case of the purloined callsign  
Message-ID: <3.0.1.32.20000616143056.00925bf0@hiwaay.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 03:18 PM 6/16/00 -0400, you wrote:

>> In ninety-eleven years of hamming, I have received three "bogus" QSLs  
>> and my wife (novice) received one for a 20 meter SSB QSO!

>

>Jay,

>

>When I was a fairly new Novice with no contacts at all, I got an offer for a  
>QSL from the holder of my counterpart call in another call district. I'd  
>have to guess that his literacy skills were good enough to read a callbook.

>

>Dave

.....

Do you remember spending a bunch of time when you got your first call  
trying to think up the best phonetics?

WA4NWW "nine wild women", "new world wonder", "no watts wasted", . . . .  
on an on and then trying to talk proper when I got my phone privileges  
saying, "doubleU A 4 N doubleU doubleU, boy what a mouth full.

Since I have been operating QRP beginning in Sep of last year, I have  
received one request for a card from a SWL who wanted to know when I moved  
away from 412 Ponroy Street. That's where I lived as a novice in 1961 . . .  
. . talk about an old call book.

73,

Richard WA4NWW

-----  
Date: Fri, 16 Jun 2000 12:48:18 -0700  
From: "John Moriarity" <k6qq@hdo.net>

To: <russo@bogoflux.losalamos.nm.us>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [72810] Re: The case of the purloined callsign  
Message-ID: <00a501bfd7cb\$d23b5560\$f8424cd1@k6qq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>  
> Folks, was anyone of you listening to 14060 at 04:15Z on 11 June? I  
just  
> received a QSL card from KD7GIM confirming his contact with me at that  
time,  
> but I was not operating at that time. His QSL said he heard me 599,  
and in  
> email he's said my callsign was crystal clear.

I'll bet that he miscopied the call. Maybe the sending  
station had a poor fist, and he made an N that sounded  
close to an M, for instance.

On phone, it's much easier to make a mistake. I used to  
get a QSL every so often for a SSB QSO that wasn't mine.  
I finally figured it out when I heard KA6QQ on the air,  
saying his call fast in a pileup.

72,

John, K6QQ

-----  
Date: Fri, 16 Jun 2000 12:50:43 -0700  
From: Bob Nielsen <nielsen@oz.net>  
To: qrp-1@lehigh.edu  
Subject: [72811] Re: Islands on the air  
Message-ID: <20000616125043.A10706@oz.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

On Fri, Jun 16, 2000 at 12:26:46PM -0400, Richard E. Robinson wrote:  
> >Here are the web sites for NA Islands on the air:  
> >  
> ><http://easyweb.easynet.co.uk/~gcaselton/ham/na.html>

>  
> I was particularly intested in the Virginia portion of this list. Tangier  
> Island, which is in the middle of the Cheasapeake Bay, and Chincoteague  
> Island, which sits off the coast of the Eastern Shore on the Atlantic  
> Ocean, have the same IOTA designation, NA-083. That doesn't make any sense  
> to me all since these 2 islands are at least 100 miles or more apart and  
> located in different bodies of water.  
>  
> Does anyone have an idea why they are designated this way? Do they also  
> have a suffix to designate different islands within NA-083?  
>  
> The IOTA program is interesting but I'm confused by the broad clustering of  
> islands.

Yeah, the IOTA system is somewhat confusing. The island I live on  
isn't on their list, although the criteria would appear to be met.

--

Bob Nielsen, N7XY (RN2)  
Bainbridge Island, WA

nielsen@oz.net  
<http://www.oz.net/~nielsen>

-----  
Date: Fri, 16 Jun 2000 15:58:04 -0400  
From: "w8diz" <w8diz@cinci.rr.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [72812] Freq Counter & PLL SemiKits  
Message-ID: <006b01bfd7cd\$2efc08c0\$1461a518@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hey all you techie builders...

A few crazy souls and myself have decided to bite the bullet and order  
the parts "in bulk" to semi-kit 20 Freq counters and 25 PLL Signal  
Generators. Both these "semi-kits" can be used as stand alone test  
equipment or as the brains and eyes of the multiPIG tranceiver project. The  
"tentative" unit costs for the semi-kits including shipping is about \$35 for  
the Freq Counter and about \$20 for the PLL sig gen.  
The freq counters are a custom version from Neil, <http://www.aade.com>  
and the display IS backlit.

For details on the semi-kits, goto <http://multipig.homepage.com> which is  
constantly being updated.

Please let me know ASAP if you would like one or both of these semi-kits. I will provide 100 pct support for anyone building these kits. They use vector boards and copper board ugly styte construction. No PCB yet.

Specs are on the web page.

Picture of PLL with Freq counter prototype is at...

<http://multipig.homepage.com/pll1.jpg>

The black box on the bottom of the pix is a powers upply.

Again, \$20 for the PLL sig gen and \$35 for the freq.

Expect to ship "semi-kits" after Field Day and into early July.

If interested, send me a private email to verify availability

TNX and good luck on Field Day

73 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio

Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W

FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493

<http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

-----  
Date: Fri, 16 Jun 2000 10:18:22 -0700

From: Dan Presley <talljazz@teleport.com>

To: qrp-l@LeHigh.edu

Subject: [72813] re-DK9SQ mast support

Message-ID: <v03007820b57010d8ae3b@[216.26.63.42]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I'm going to build the base described in the last issue of 'QRP Homebrewer', which shold work fine for the mast. Alan-take a look at that article, or I'll send you a copy. I believe the NJ qrp club was selling them as well, but it looks pretty easy to make-piece of plywood, some pvc fittings and big nails.

When I was a kid, my dad had some neat fishing pole holders he made up by welding a big spike to a piece of pipe-shove it in the ground,drop the pole in, pop a cool one and wait for the big one to bite. Might work for this, but kinda heavy to pack around.

Dan Presley-N7CQR-Portland, Or QRP-L #502  
-----

Date: Fri, 16 Jun 2000 16:03:26 -0400 (EDT)  
From: Joel Malman <malman@world.std.com>  
To: qrp-l@Lehigh.EDU  
Cc: k1qm@world.std.com  
Subject: [72814] Re: The case of the purloined callsign  
Message-ID: <200006162003.QAA02948@world.std.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Group,

In the late 1960's I was licensed as WB2VIA (I think I was a general at the time) and I was poking around on 40 meter CW when I heard a CQ. The op was sending: CQ CQ de WB2VIA WB2VIA !!! He was using my call !!!

Now that was a CQ I could help but to respond to! So I sent:  
WB2VIA WB2VIA de WB2VIA WB2VIA K

Never got a response. Maybe he did not hear me, or maybe he did not want to talk to me.

Hummmm, that was a purloined callsign I supposed.

... joel (queen mary)

--

/joel K1QM (k1 queen mary), Concord, MA.  
QRP-L #337, QRP-ARCI #9305, MI-QRP #1641

-----  
Date: Fri, 16 Jun 2000 16:50:43 -0400  
From: Erik Werner <ewerner@sprintmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [72815] Re: The case of the purloined callsign  
Message-ID: <3.0.1.32.20000616165043.007bfd80@sprintmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

The misheard call is very possible or the call letters got transposed when looking up the address in the database. Both of these cases I'm guilty of.

73  
Erik/KD5CTJ

-----

Date: Fri, 16 Jun 2000 20:51:19 +0100  
From: wd3p@juno.com  
To: qrp-1@Lehigh.EDU  
Subject: [72816] Re: Islands on the air  
Message-ID: <20000616.205131.-449313.0.wd3p@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

On Fri, 16 Jun 2000 12:50:43 -0700 Bob Nielsen <nielsen@oz.net> writes:

>  
> >  
> > The IOTA program is interesting but I'm confused by the broad  
> clustering of  
> > islands.  
>  
> Yeah, the IOTA system is somewhat confusing. The island I live on  
> isn't on their list, although the criteria would appear to be met.  
>  
>

That is why some like the US Island program - they include as many islands as they can. It makes it a lot more fun for the average ham - at least he has a chance to operate from an island, and in many cases can operate from several. In the IOTA program you basically have to live along the coast to find an island and they combine so many islands into one IOTA there are not that many to go around.

73 de Larry.....WD3P in MD

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

-----  
Date: Fri, 16 Jun 2000 17:22:47 -0400  
From: "Victor Blackwell" <victor@brecnet.com>  
To: <rerobins@email.uncc.edu>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [72817] Re: Islands on the air  
Message-ID: <008601bfd7d9\$07437640\$5a5730d1@victor>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

How did they deal with Asseteaque (sp) Island?

>><http://easyweb.easynet.co.uk/~gcaselton/ham/na.html>

>

>I was particularly intested in the Virginia portion of this list. Tangier  
>Island, which is in the middle of the Cheasapeake Bay, and Chincoteague  
>Island, which sits off the coast of the Eastern Shore on the Atlantic  
>Ocean, have the same IOTA designation, NA-083. That doesn't make any sense  
>to me all since these 2 islands are at least 100 miles or more apart and  
>located in different bodies of water.

>

>Does anyone have an idea why they are designated this way? Do they also  
>have a suffix to designate different islands within NA-083?

>

>The IOTA program is interesting but I'm confused by the broad clustering of  
>islands.

>

>72,

>

>Rick kf4ar

>

>

-----

Date: Fri, 16 Jun 2000 17:23:20 -0400

From: "Hare, Ed, W1RFI" <[w1rfi@arrl.org](mailto:w1rfi@arrl.org)>

To: "'[prm@hiwaay.net](mailto:prm@hiwaay.net)'" <[prm@hiwaay.net](mailto:prm@hiwaay.net)>, Low Power Amateur Radio Discussion <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>

Subject: [72818] RE: The case of the purloined callsign

Message-ID: <125490A005E3D3118C9C00805FC743CC3E1E5A@mail.arrl.org>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

From: Richard Matthews [<mailto:prm@hiwaay.net>]

> Do you remember spending a bunch of time when you got your first call  
> trying to think up the best phonetics?

Now if only I can think of some cute phonetics for my call... :-)

73,

Ed, W1RFI



-----  
Date: Fri, 16 Jun 2000 17:26:28 -0400  
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [72819] Electric fence interference  
Message-ID: <125490A005E3D3118C9C00805FC743CC3E1E5C@mail.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

If anyone has a problem with electric-fence-interference (EFI), see:

<http://www.arrl.org/tis/info/rfigen.html> and

<http://www.arrl.org/tis/info/fence.html>

73,  
Ed Hare, W1RFI  
ARRL Laboratory Supervisor  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
FAX: 860-594-0259  
Internet: w1rfi@arrl.org  
ARRL Web: <http://www.arrl.org>  
ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----

From: Bradfield, Brad V. [mailto:BBradfield@spectrapoint.com]  
Sent: Thursday, June 15, 2000 2:28 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: DSL

Hey, I used to live next door to a neighbor in a residential area with an electric fence in a residential area. I didn't know where the strong local interference was coming from till one day I was on my tower and happened to look down into my neighbors yard, and I could see where he had run the electric fence strand along the inside of his wood fence. It either didn't do the job or the dog died or ran away or something, because he didn't have it running for long. Either that, or he figured out that he was wiping out his own radio and TV reception.

72 es 73,

Brad, W5CGH

=====  
Brad Bradfield, PE  
Test Staff Engineer  
SpectraPoint Wireless LLC  
(W) 972-852-7101  
(Pgr) 972-648-3632

-----  
Date: Fri, 16 Jun 2000 17:30:20 -0400  
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>  
To: "'na5n@rt66.com'" <na5n@rt66.com>, Low Power Amateur Radio Discussion <qrp-  
l@Lehigh.EDU>  
Subject: [72820] RE: Another Dumb Scope Question  
Message-ID: <125490A005E3D3118C9C00805FC743CC3E1E5D@mail.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

See:

<http://www.cs.tcd.ie/courses/baict/bac/jf/labs/scope/>  
<http://www.vanderbilt.edu/Engineering/CIS/Sloan/web/els/tutos.html>  
<http://plabpc.csustan.edu/general/GeneralPhysicsIILabs/Oscilloscope/Oscilloscope.htm>

73,  
Ed Hare, W1RFI

-----Original Message-----  
From: Paul Harden, NA5N [mailto:na5n@rt66.com]  
Sent: Thursday, June 15, 2000 10:42 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Another Dumb Scope Question

On Thu, 15 Jun 2000, Davies, Doug A FOR:EX wrote:  
> The 'dumb' question is: If I'm using a 10x probe,  
> do I multiply the readings on the scope by 10 or does the scope do this  
> internally if it knows I'm using a 10x probe?

Yes, you multiply the reading on the volts/division dial by ten when using a 10x probe. For example, using a 10X probe, if your scope is set for 5V/division and the signal is 2 division for 10V peak-to-peak, your signal is actually 100Vpp.

On some scopes and 10x probes, the volts/division dial will automatically change to the correct setting when you plug in the probe. This is usually done by a small light that illuminates the volts/division you are using. Unplug the BNC on the 10x scope probe, and you should see the light change from one setting to another. Tektronix has done it that way for years, but requires a Tektronix probe to properly work the lights.

> Also, is there a tutorial type book available that teaches the basics of  
> using a scope? I'd like to find one that gives practice problems so I can  
> get 'hands-on' experience not just a bunch of theory.

I'll have to dig up the scope tutorial I did for qrp-l at one time and repost it for those of you new to the group. Give me a day or two.

72, Paul NA5N

-----  
Date: Fri, 16 Jun 2000 17:51:04 -0400  
From: KD1YV <kd1yv@mindspring.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [72821] Re: The case of the purloined callsign  
Message-ID: <394AA147.AE5DBC0E@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

> {snip}

> WA4NWW "nine wild women", "new world wonder", "no watts wasted", . . . .  
> on an on and then trying to talk proper when I got my phone priviledges  
> saying, "doubleU A 4 N doubleU doubleU, boy what a mouth full.

Dave,

You could be like the Presidential candidate, and shorten it to Dubya A 4 N Dubya  
Dubya  
:-0

--

72/73 de Jim, KD1YV

I Fought the Lawn, and the Lawn Won.

-----  
Date: Fri, 16 Jun 2000 19:03:36 -0300  
From: Kleibe Jacinto de Araujo <kleibe@anatel.gov.br>  
To: "'qrp-1@lehigh.EDU'" <qrp-1@lehigh.EDU>  
Subject: [72822] PP2kja on 28060 CQ QRS  
Message-ID: <CAF7A799892ED411982E00D0B713C7C74E6D67@ANATELMAILE>  
MIME-Version: 1.0  
Content-Type: text/plain

Hi gang

Im now by 20min calling cq qrp on 28060..

Tanks to all

Kleibe  
PP2KJA.

-----  
Date: Fri, 16 Jun 2000 15:18:48 -0700  
From: Mighty Mik <mitymik@wenet.net>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [72823] Es 6 Meters...  
Message-ID: <394AA7C8.F744E02B@wenet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Just worked CM87 to DM42, and heard DM41,88, and 98. If you don't have 6, try 10.

this at 22:00Z (3P Pacific)

-----  
Date: Fri, 16 Jun 2000 15:54:32 -0700  
From: Mighty Mik <mitymik@wenet.net>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [72824] antenna:gamma match...  
Message-ID: <394AB028.F02CB0BD@wenet.net>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

what materials do you use for a shorting bar? I'm tempted to get some  
copper or brass, but where is a good place to look for scrap sized  
pieces?

-----  
End of QRP-L Digest 1854

\*\*\*\*\*  
-----